

## PATENT ABSTRACTS OF JAPAN

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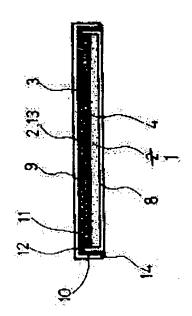
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## 4) THIN BATTERY

## 7) Abstract:

PURPOSE: To enable mass production of a thin battery with excellent iquid leakageproofness which has a thickness of less than 1mm by using a package member in which an insulating film for avoiding hortcircuit is coated on the surface of conductive materials.

ONSTITUTION: An alkali-proof insulating film consisting of phenol esin, epoxy resin, furan resin, etc. is coated on the outer surface of the pattery can 8 consisting of conductive materials. The positive flux 1 is pelletized and inserted in this battery can 8 and the separator 4 is put on t. Then the sealing member 11 on which sealing agent 12 such as a sphalt, wax, etc. is coated is pressed in along the inner wall of the pattery can 8 so as to press the outer surface of the separator 4. Subsequently, negative flux 2 or the negative member 13 such as ithium, zinc, etc. is inserted and electrolyte 3 is injected. Subsequently, he battery can 9 is pressed in so as to cover a lid. By coating alkali-



proof bonding agent 14 between the tip of the battery can 9 and the outer surface of the battery can 8, a the pattery is formed.

## **GAL STATUS**

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